FOUNDRY OPERATIONS

Unit ID:	**S/V ID:**
Segment ID:	**SCC #:**

1. **Melting operations (fill out this section for each furnace):**

Type of furnace and year	Type of metal melted	Maximum melt rate of furnace tons of metallics/hr	Charging system capacity tons of metallics/hr

2. **Pounds/charge of each component in charge (including non-metallics.):**

Component in the charge	lbs/charge

3. **Cupola Information:**

Maximum combustion fan blast air volume (acfm)	Maximum blast air temperature (^{o}F)	Cupola inside diameter (inches)

4.

Operations controlled	Type of control	Code on plot plan	Emission control efficiency %	Stack diameter (inches)	Stack Height (ft.)	Gas flow rate (acfm)
Furnace						
Cupola						
Other (specify)						

COMPLETE FORM PI-26, MISCELLANEOUS INFORMATION FOR INOCULATION AND MAGNESIUM TREATMENT

If one control device controls more than one operation, give it a code (A,B,C, etc.) to indicate which operations it controls. If you have more than one of any type of operation, list it in the blanks and fill out the additional information required. Duplicate this form as necessary. The information provided should be consistent with the labeling information on other forms.

5.

Operations controlled	Type of control	Code on plot plan	Emission Control efficiency	Stack Height (ft.)	Stack diameter (inches)	Gas flow rate (acfm)
Muller						
Elevator						
Screens						
Shakeout						
Storage Bin						
Conveyor						

6. **Sand Handled:**

Average tons of sand handled/ton of metallics charge	Maximum amount of sand which can be handled (tons/hr)

7. **Binders:**

Type of Binders used:	Usage rate/tons of sand

SUBMIT A FLOW DIAGRAM FOR SAND HANDLING OPERATIONS ON A SEPARATE SHEET, LABEL THE SHEET PI-11 AND ATTACH TO THIS FORM.

8. **Potential to Emit:**

Pollutant	Maximum rate (units/hr)	Emission Factor (lb/units)	Emission Rate (lb/hr)	Maximum Uncontrolled Emissions (tons/yr)	Pollution Control Efficiency (%)	Maximum Controlled Emissions (tons/yr)
PM						
PM10						
SO_2						
NOx						
VOC						
CO						
Lead						

9. **Source of Emission Factors:**	